



# MassCleanDiesel: Clean Markets Program - Round III - eTRUs

## Massachusetts Department of Environmental Protection

### Application Instructions

MassDEP will accept grant applications on a rolling basis from May 10, 2018, to Tuesday July 31, 2018. Submit your application to: James Doucett, Director, Clean Energy Results Program, MassDEP, One Winter St., Boston, MA 02108.

### Explanation of Application Fields

<b>Section A. Applicant Information.</b> This section requests information on the company's physical and mailing addresses and the person to contact for the grant.	
<b>Section B. Fleet Supervisor Information.</b> This is the person to contact for information on the applicant's diesel TRU(s).	
<b>Section C. Certification.</b> An official with <u>authority</u> to apply for grants <u>on behalf of the company</u> must sign the application.	
<b>Section D. Trailer &amp; Diesel Transportation Refrigeration Unit Data.</b> In the box in the upper right corner, write the number of trailers for which you are requesting technology. For example, if you are applying for two trailers, write "1 of 2" on the first worksheet and "2 of 2" on the second.	
1. Check the box that best describes your trailer	Only detached trailers with diesel TRUs are eligible for eTRUs.
2. Trailer Unit #	The company-assigned unit number of the trailer.
3. Trailer <u>Year</u> , <u>Make</u> , & <u>Model</u>	The trailer's model year, manufacturer, and model number. This is the body of the trailer.
4. Trailer Identification Number (VIN)	The vehicle identification number of the trailer if the trailer is manufactured after 1984. If the trailer was manufactured prior to 1984 provide the manufacturer's serial number.
5. Trailer License Plate Number	The license plate number of the trailer.
6. Trailer State of Registration	The state where the trailer is registered, if provided.
7. Diesel TRU Serial Number (S/N)	The manufacturer-assigned serial number of the diesel TRU. This is usually found on a TRU-mounted plate.
8. Diesel TRU Year, Make & Model	The model year, manufacturer and model number of the diesel TRU.
9. Diesel TRU Horsepower (hp)	The horsepower of the diesel TRU. This is usually found on a TRU-mounted plate.
10. Diesel TRU Retirement Date (MM/YYYY)	The anticipated date that the diesel TRU will be permanently taken out of service. <i>Trailer owners must continue to own and use the technology and the trailer on which the technology is installed for <u>at least three years</u>.</i>
11. Total Hours (Diesel TRUs)	The annual hours the diesel TRU operates.
12. Diesel TRU Fuel Used/Year (Gallons)	The amount of fuel the diesel TRU consumed in one year.
13. MA Market(s), Warehouse(s), Distribution Center(s) Serviced	The name(s) of the Massachusetts market(s), warehouse(s) and distribution center(s) serviced by the trailer.
<b>Section E. Requested Technology</b>	
[1] Requested Technology	The technology you are requesting.
[2] Technology Make	The name of the manufacturer of the requested technology.
[3] Technology Model	The model name or number of the requested technology.
[4] Estimated Cost (Purchase, Installation and Mileage) of	The estimated total cost of the technology, including equipment, labor, and, if applicable, mileage costs. The vendor providing the

<i>Technology</i>	equipment can help you estimate the costs.
[5] <i>Your % Cost Share Requirement</i>	Your required percentage cost share for an eTRU is 60%.
[6] <i>Your Cost Share (Estimated Cost of Technology x Your % Cost Share Requirement)</i>	Multiply the <i>Estimated Cost of Technology</i> (Column 5) by <i>Your % Cost Share Requirement</i> (Column 6) to obtain <i>Your Cost Share</i> (Column 7). For example, the estimated cost to purchase and install an eTRU could be \$18,000. Your cost share would be 60% or \$10,800. You would write \$10,800 in Column 7.
[7] <i>TOTAL Grant Funding Request (Estimated Cost – Your Cost Share)</i>	This is the amount of grant funding you are requesting from MassDEP. Subtract the dollar amount in Column 7 ( <i>Your Cost Share</i> ) from Column 5 ( <i>Estimated Cost of Technology</i> ) to obtain the <i>TOTAL Grant Funding Request</i> . In the example of the \$18,000 eTRU, the requested grant funding amount would be \$7,200 (\$18,000-\$10,800). You would write \$7,200 in Column 8.
<b>Section F. Summary of All Requested Technology.</b> Transfer the amounts from Columns 4, 6, and 7 in Section E for each trailer onto the Summary table in this section. Then add up each column and write the total at the bottom of the Summary table.	
<b>Section G. Electric TRUs</b>	
1. <i>Electrical Contractor Assessment</i>	Applicants must provide electrical service for the eTRU(s). If applicable, applicants should indicate whether they have obtained an estimate from a licensed electrical contractor for the work.
2. <i>Electrical Service Requirements</i>	Indicate whether your facility will require new electrical service or an upgrade to existing service.
3. <i>Copy of Electrical Work Estimate</i>	Attach a copy of the licensed electrical contractor's estimate of the proposed electrical work, if applicable.
4. <i>Diesel TRU Retirements</i>	Describe your schedule for retiring your diesel TRU(s). This would be the date you had planned on taking your diesel TRU out of service if you were <u>not</u> applying for an electric TRU.